Ye a plus sign (+) → + RMATION DISCLOSURE

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

U.S. Department of Commerce

Patent and Trademark Office

TEMENT BY APPLICANT Sheet I of I

Application No. : 09/768,633 Filing Date : January 24, 2001

First Named Inventor: S. IWASAKI : 2827 Group Art Unit

Examiner Name : I.B. PATEL

Attorney Docket No.: NECN 18.280

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear		
	1	1						

FOREIGN DOCUMENTS Name of Patentee or Applicant Examiner Cite No. Foreign Patent Country Date of Pages, Initials Document of Cited Document Publication of Columns Office3 Number4 Cited Lines Where Kind Code⁵ Document Relevant (if known) MM-DD-YY/Y Passages or Relevant **Figures** Appear 10-013003 JP CASIO COMPUT CO LTD 01/16/1998 IBP 10-275961 JP MITSUBISHI ELECTRIC 10/13/1998 CORP 11-354676 JP SONY CORP 12/24/1999 64-051697 JР HITACHI LTD 02/27/1989 04-188886 JP IBIDEN CO LTD 07/07/1992 08-279680 JP SONY CORP 10/22/1996 1-316989 JP MATSUSHITA ELECTRIC 12/21/1989 WORKS, LTD. 58-105166 JP TOSHIBA CHEMICAL CO., 07/18/1983 61-34765 JP MEIDENSHA ELECTRIC 03/03/1986 MFG. CO., LTD. 62-178564 JP **NEC CORPORATION** 11/12/1987 61-24295 JP NEC CORPORATION 02/01/1986

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source. Applicant check here if English language translation attached				
Examiner Signature		ISHWAR B. PATEL Considered 6/16/0	4			

"Unique citation designation number. "See attached Kinds of U.S. Patent Documents." Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must procede the sorial number of the patent document." Kind of document by the appropriate symbols as indicated on the document endor WIPO Standard ST.1" if possible. "Applicant is to place a chock mark here if English language Translation is statched.

Bardon Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless h displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

		gn (+) → +	Patent and Trad		J.S. DEPARTM	ENT OF CO	MMERCE
1449/PTO		U.S. Depart	e	Application N	o. : 09/	768633	
INFOR	Patent and Trademark Office Filing Date : January 24, 2001 INFORMATION DISCLOSURE						
					First Named In	eventor: S. I'	WASAKI
STATE	MENT	BY APPLICANT			Group Art Un		
Ske@1	o(C)				Examiner Nan		PATEL
/	<i>\tilde{Z}</i>	\					
14000	 5	 			Attorney Dock	tet No. : NEC	N 18.280
MAR 0 3	<u> </u>	U.S	S. PATENT I	OCUMEN	NTS	<u>-</u>	
aminer	Cite h	U.S. Patent Document	Kind Code		tee or Applicant	Date of	Pages,
in (raks	JART		if known²	of Cited Docum		Publication of	
TARU						Cited	Lines Where
						Document	Relevant
	· .		Į.			MM-DD- YYYY	Passages or Relevant
· ·		İ		ļ		1111	Figures
	<u> </u>			•			Appear
·							
		<u>F</u>	OREIGN DO	DCUMENT	CS		
Examiner	Cite No.1	1	Country	Name of Patent	tee or Applicant	Date of	Pages,
Initials		Document		of Cited Docum	nent	Publication of	of Columns
		Office ³ Number ⁴				Cited	Lines Where
		Kind Code ⁵ (if known)				Document	Relevant
		(if known)				MM-DD-YY	
							Relevant
							Figures Appear
188		07-278415	JP	SHIN ETSU CI	HEM CO LTD	10/24/1995	Арреаі
/				ABSTRAC	T ONLY -		
				7 110			
				·			
7						_	
/	•	1	 				
Other P	rior Ar	t-Non Patent Litera	ature Docum	ents			_\
Examiner	Cite	Include name of the author (in CAPITAL LETTE	RS) title of the	eticle (when	1 450	plicant check here if
Initials	No.	appropriate), title of the item	(book, magazine, jo	ournal, serial, sym	posium, catalog,	etc.). Ens	glish language
		data, page(s), volume-issue r	number(s), publisher	, country, where	published, source.	tran	islation attached
			-	• •		1	
	╁──┤						
	+						
_/		<u> </u>					
Examiner	_	••••		Date			
Signature	I	SHWAR B.	PATEL	Considered	Juna	21,	2004
Examiner: Initial if r	eference considere	nd, whether or not citation is in conformance wi	th MPEP 609. Draw a line thro	such citation if not in comfor	mance and not considered	Include copy of this Gy	

*Unique citation designation number: *See statebook Kinds of U.S. Patent Documents. * Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document ander WIPO Standard ST.1* if possible. * Applicant is to place a check must here if English language Translation is statebook.

Bardes Hour Statement: This form is estimated to take .2 hours to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Petent and Frademark Office, Washington, DC 20231. Under the Proprieter's Reduction Act of 1995, no persons are required to respond to a collection of information unless is displays a valid OMB control number. DO NOT SEND FRES OR COMPLETED PORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

APR 1 5 20th Please type a plus sign (+) --- + Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE U.S. Department of Commerce Patent and Trademark Office NFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 1

: 09/768,633 Application No. : January 24, 2001 Filing Date First Named Inventor: S. IWASAKI : 2827 Group Art Unit : I.B. PATEL **Examiner Name** Attorney Docket No.: NECN 18.280

	_	U.S	. PATENT	DOCUMENTS		
Examiner Initials	Cite No.	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
	\sim					
F						

		F	OREIGN DO	OCUMENTS		
Examiner Initials	Cite No.	Foreign Patent Document Office ³ Number ⁴ Kind Code ³ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
IBP		11-040698	JP	SHINKO ELECTRIC IND CO	02/12/1999	
10P		07-273243	JP	TOSHIBA CORP	10/20/1995	
	Λ					
<i></i>						
/						/

Other Prior Art. Non Patent I iterature Documents

Examiner	Cite	Include name of t	nclude name of the author (in CAPITAL LETTERS), title of the article (when				
Initials	No.	appropriate), title	of the iten	n (book, magazine, j	oumal, serial, sympo r, country, where pub	sium, catalog, etc.),	Applicant check here if English language translation attached
• /							
Examiner Signature	I	SHWAR	₿,	PATEL	Date Considered	June :	\$\$ 16, 2m 4

*Unique citation designation number. *See strached kinds of U.S. Patent Documents. *Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.1). * For Japanese patent document year of the reign of the Emporer must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1* if possible check mark here if English language Translation is attached.

Bardon Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Wathington, DC 20231. Under the Propertor's Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Wathington, DC 20231.